

# CIRCUIT AND METHOD FOR PIPELINED INSERTION

## Abstract

The invention transmits data on an integrated circuit chip by first propagating a first data portion along a first segment of a segmented data line and then propagating the first data portion along a second segment of the segmented data line and simultaneously propagating a second data portion along the first segment of the segmented data line. The invention breaks a single data transmission into such different data portions and later reassembles the different data portions back into the single data transmission after all of the different data portions have been individually transmitted along all portions of the segmented data line